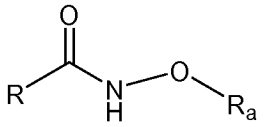
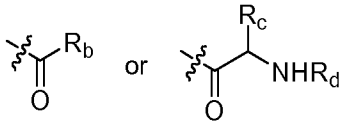
Amendments to the Claims

1. (Currently Amended) A compound represented by the structure of formula 1:



(1)

wherein R is a residue of a hydroxamic acid derivative histone deacetylase inhibitor; and R_a is represented by the structure:



wherein R_b is~~and R_c are independently of each other~~ a hydrogen or an unsubstituted or substituted ~~alkyl, alkenyl,~~ ethyl, isopropyl, butyl, isobutyl, sec-butyl, t-butyl, alkynyl, aryl, cycloalkyl, heterocyclyl, heteroaryl, alkylaryl, alkylcycloalkyl, alkylheterocyclyl, alkylheteroaryl or an amino acid residue; R_c is a hydrogen or an unsubstituted or substituted alkyl, alkenyl, alkynyl, aryl, cycloalkyl, heterocyclyl, heteroaryl, alkylaryl, alkylcycloalkyl, alkylheterocyclyl, alkylheteroaryl or an amino acid residue and

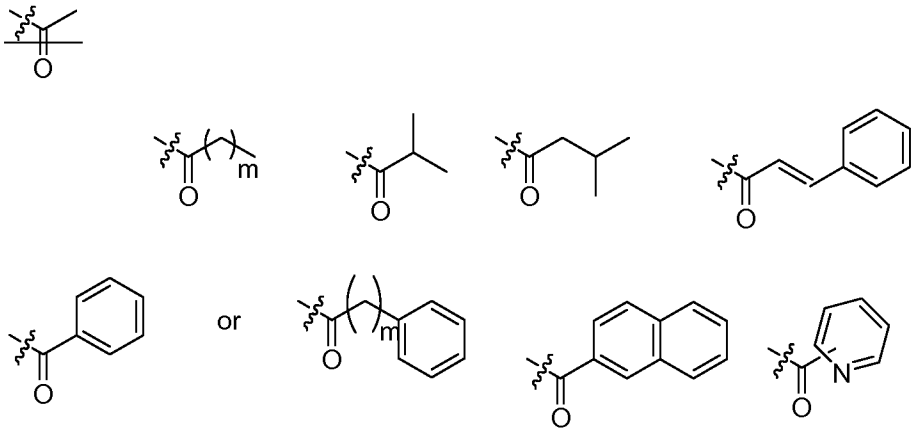
R_d is hydrogen or an amino protecting group;

or a pharmaceutically acceptable salt~~, hydrate, solvate, polymorph or any combination~~ thereof.

2. (Currently Amended) The compound according to claim 1, wherein R_b is a hydrogen, ethyl, isopropyl, butyl, isobutyl, sec-butyl, t-butyl, phenyl, benzyl, alkylphenyl, napththyl or pyridyl.

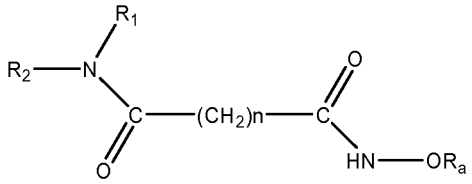
~~R_b and~~ R_c is~~are independently of each other~~ a hydrogen, methyl, ethyl, isopropyl, butyl, isobutyl, sec-butyl, t-butyl, phenyl, benzyl, alkylphenyl, napththyl or pyridyl.

3. (Currently Amended) The compound according to claim 1, wherein R_a is selected from the group consisting of:



and wherein m is an integer of 1 to 10.

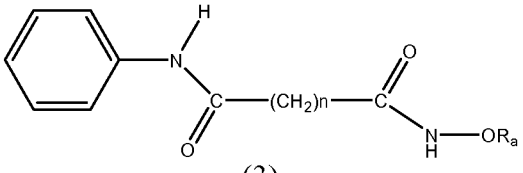
4. (Previously Presented) The compound according to claim 1, represented by the structure:



(2)

wherein each of R_1 and R_2 are independently the same as or different from each other and are a hydrogen atom, a hydroxyl group, a substituted or unsubstituted, branched or unbranched alkyl, alkenyl, cycloalkyl, aryl, heterocyclyl, heteroaryl, alkylcycloalkyl, alkylaryl, alkylheterocyclyl, alkylheteroaryl, arylalkyloxy, aryloxy, or pyridine group, or R_1 and R_2 are bonded together to form a nitrogen containing heterocyclic ring optionally containing one or more additional heteroatoms, and n is an integer of 4 to 8.

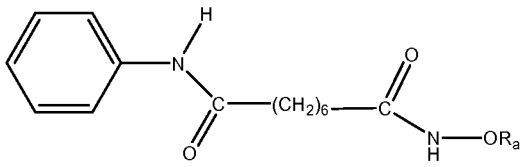
5. (Previously Presented) The compound according to claim 1, represented by the structure:



(3)

wherein n is an integer of 4 to 8.

6. (Previously Presented) The compound according to claim 1, represented by the structure:

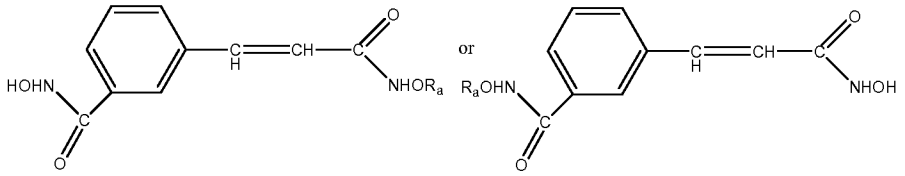


(4)

7. Cancelled.

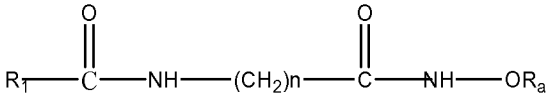
8. Cancelled.

9. (Previously Presented) The compound according to claim 1, represented by the structure:



(9) (10)

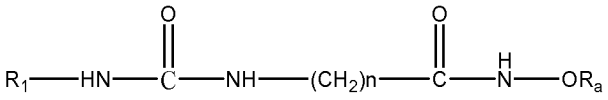
10. (Previously Presented) The compound according to claim 1, represented by the structure:



(11)

wherein R_1 is a substituted or unsubstituted phenyl, piperidino, thiazolyl, 2-pyridinyl, 3- pyridinyl or 4-pyridinyl and n is an integer of 4 to 8.

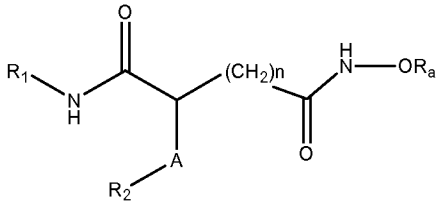
11. (Previously Presented) The compound according to claim 1, represented by the structure:



(12)

wherein R_1 is a substituted or unsubstituted phenyl, piperidino, thiazolyl, 2-pyridinyl, 3- pyridinyl or 4-pyridinyl and n is an integer of 4 to 8.

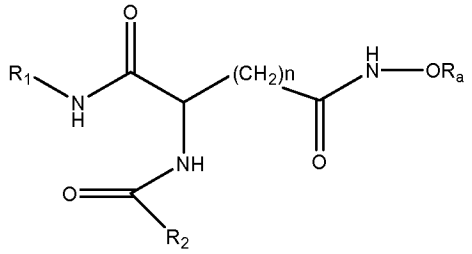
12. (Previously Presented) The compound according to claim 1, represented by the structure:



(13)

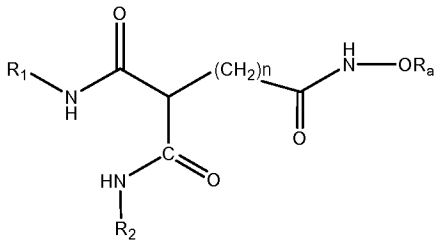
wherein A is an amide moiety, R_1 and R_2 are each selected from substituted or unsubstituted aryl, arylalkyl, naphthyl, cycloalkyl, cycloalkylamino, pyridineamino, piperidino, 9-purine-6-amino, thiazoleamino, hydroxyl, branched or unbranched alkyl, alkenyl, alkyloxy, aryloxy, arylalkyloxy, pyridyl, quinolinyl or isoquinolinyl; and n is an integer of 3 to 10.

13. (Previously Presented) The compound according to claim 12, represented by the structure:



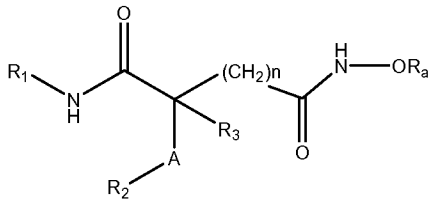
(13a)

14. (Previously Presented) The compound according to claim 12, represented by the structure:



(13b)

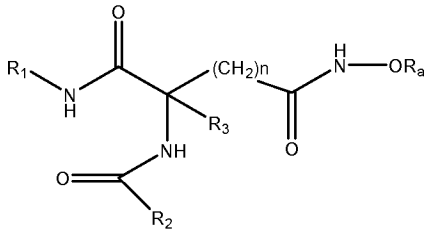
15. (Previously Presented) The compound according to claim 1, represented by the structure:



(14)

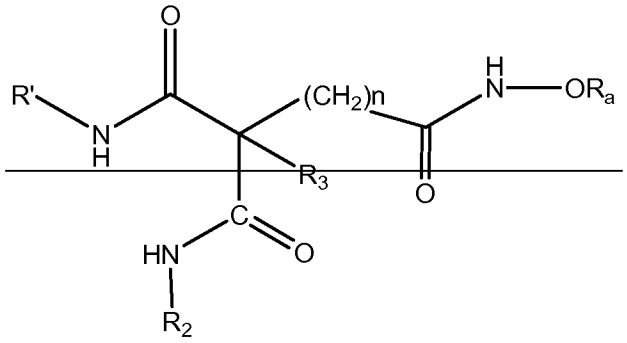
wherein A is an amide moiety, R_1 and R_2 are each selected from substituted or unsubstituted aryl, arylalkyl, naphthyl, cycloalkyl, cycloalkylamino, pyridineamino, piperidino, 9-purine-6-amino, thiazoleamino, hydroxyl, branched or unbranched alkyl, alkenyl, alkyloxy, aryloxy, arylalkyloxy, pyridyl, quinolinyl or isoquinolinyl; R_3 is hydrogen, a halogen, a phenyl or a cycloalkyl moiety and n is an integer of 3 to 10.

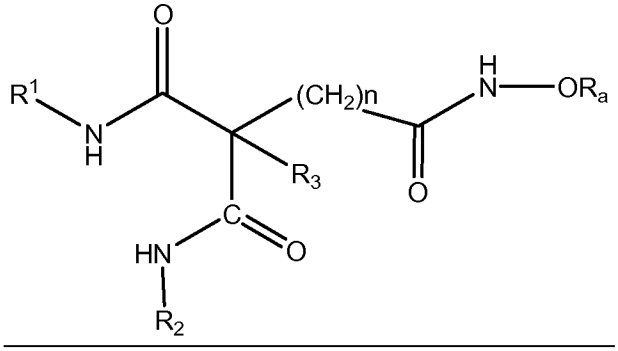
16. (Previously Presented) The compound according to claim 15, represented by the structure:



(14a)

17. (Currently Amended) The compound according to claim 15, represented by the structure:

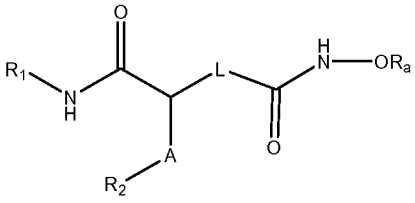




(14b)

wherein n is an integer from about 3 to 10.

18. (Previously Presented) The compound according to claim 1, represented by the structure:

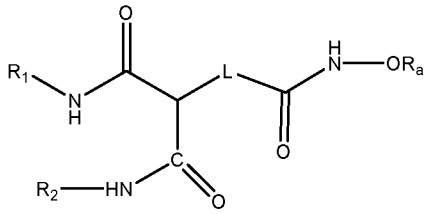


(15)

-wherein L is a linker selected from the group consisting of an amide moiety, O-, -S-, -NH-, NR, -CH_2-, –$(CH_2)_p$-, -(CH=CH)-, phenylene, cycloalkylene, or any combination thereof wherein R is a substituted or unsubstituted C_1-C_5 alkyl; and wherein each of R_1 and

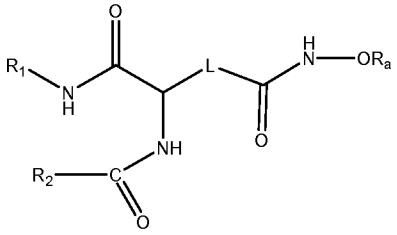
R_2 are independently a substituted or unsubstituted aryl, arylalkyl, naphthyl, cycloalkyl, cycloalkylamino, pyridineamino, piperidino, 9-purine-6-amino, thiazoleamino, hydroxyl, branched or unbranched alkyl, alkenyl, alkyloxy, aryloxy, arylalkyloxy, pyridyl, quinolinyl or isoquinolinyl; p is an integer of 0 to 10.

19. (Previously Presented) The compound according to claim 18, represented by the structure:



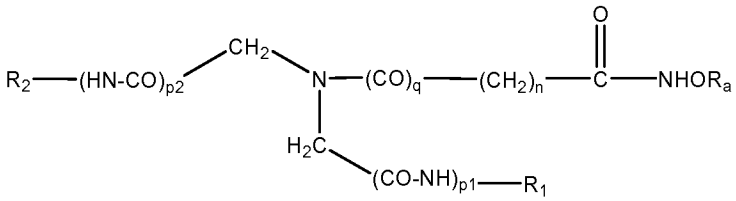
(15a)

20. (Previously Presented) The compound according to claim 18, represented by the structure:



(15b)

21. (Previously Presented) The compound according to claim 1, represented by the structure:



(29)

wherein

n is 2, 3, 4, 5, 6, 7 or 8;

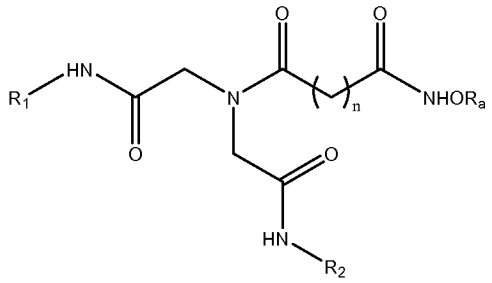
q is 0 or 1;

p_1 and p_2 are independently of each other 0 or 1;

R_1 and R_2 are independently of each other an unsubstituted or substituted aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylaryl, alkylheteroaryl, alkylcycloalkyl or alkylheterocyclyl; or when p_1 and p_2 are both 0, R_1 and R_2 together with the $-CH_2$-N-CH_2- group to which they are attached can also represent a nitrogen-containing

heterocyclic ring; or when at least one of p_1 or p_2 is not 0, R_1 or R_2 or both can also represent hydrogen or alkyl.

22. (Previously Presented) The compound according to claim 1, represented by the structure:



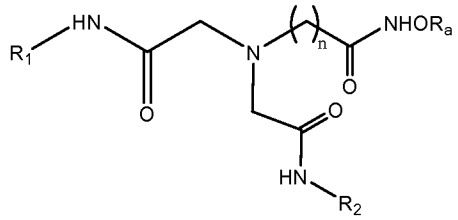
(30)

wherein

n is 2, 3, 4, 5, 6, 7 or 8;

R_1 and R_2 are independently of each other a hydrogen or an unsubstituted or substituted alkyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylaryl, alkylheteroaryl, alkylcycloalkyl or alkylheterocyclyl.

23. (Previously Presented) The compound according to claim 1, represented by the structure:



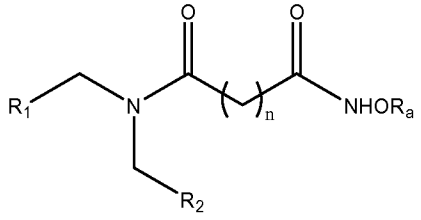
(31)

wherein

n is 2, 3, 4, 5, 6, 7 or 8;

R_1 and R_2 are independently of each other a hydrogen or an unsubstituted or substituted alkyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylaryl, alkylheteroaryl, alkylcycloalkyl or alkylheterocyclyl.

24. (Previously Presented) The compound according to claim 1, represented by the structure:



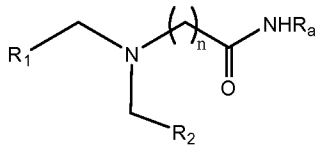
(32)

wherein

n is 2, 3, 4, 5, 6, 7 or 8;

R_1 and R_2 are independently of each other an unsubstituted or substituted aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylaryl, alkylheteroaryl, alkylcycloalkyl or alkylheterocyclyl; or R_1 and R_2 together with the $-CH_2$-N-CH_2- group to which they are attached can also represent a nitrogen-containing heterocyclic ring.

25. (Previously Presented) The compound according to claim 1, represented by the structure:



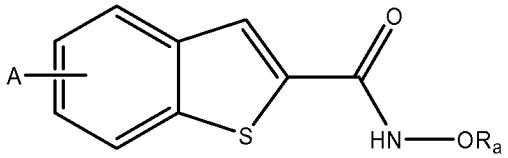
(33)

wherein

n is 2, 3, 4, 5, 6, 7 or 8;

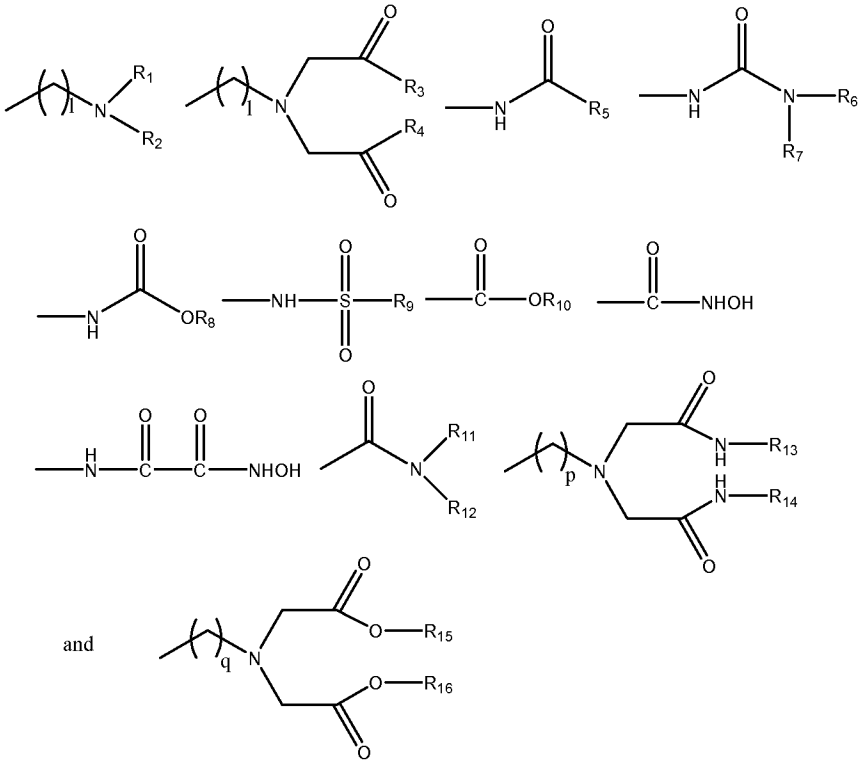
R_1 and R_2 are independently of each other an unsubstituted or substituted aryl, heteroaryl, cycloalkyl, heterocyclyl, alkylaryl, alkylheteroaryl, alkylcycloalkyl or alkylheterocyclyl; or R_1 and R_2 together with the $-CH_2$-N-CH_2- group to which they are attached can also represent a nitrogen-containing heterocyclic ring.

26. (Previously Presented) The compound according to claim 1, represented by the structure:



(34)

wherein A is alkyl, aryl or a group selected from

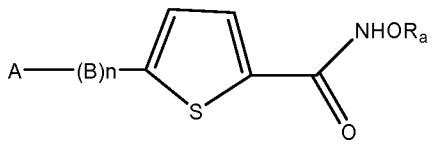


and

wherein R_1-R_{16} are independently of each other a hydrogen or an unsubstituted or substituted alkyl, aryl, cycloalkyl, heterocyclyl, alkylaryl, alkylcycloalkyl or alkylheterocyclyl; or one or more of R_1 and R_2, R_6 and R_7, and R_{11} and R_{12}, together with the nitrogen atom to which they are attached, form a nitrogen-containing heterocyclic ring; and

l, p and q are independently of each other 0, 1 or 2.

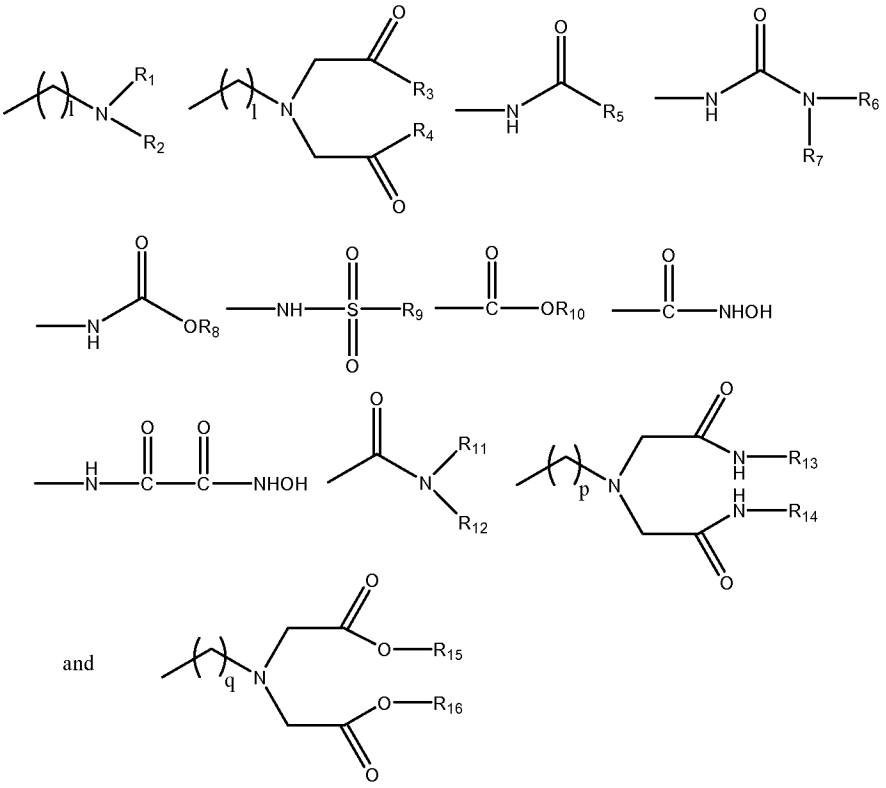
27. (Previously Presented) The compound according to claim 1, represented by the structure:



(36)

wherein

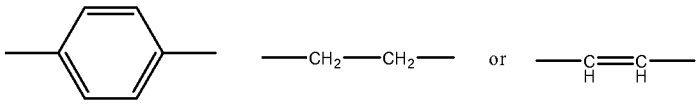
A is alkyl, aryl or a group selected from:



and

wherein R_1-R_{16} are independently of each other a hydrogen or an unsubstituted or substituted alkyl, aryl, cycloalkyl, heterocyclyl, alkylaryl, alkylcycloalkyl or alkylheterocyclyl; or one or more of R_1 and R_2, R_6 and R_7, and R_{11} and R_{12}, together with the nitrogen atom to which they are attached, form a nitrogen-containing heterocyclic ring;

B is



n is 0 or 1; and

l, p and q are independently of each other 0, 1 or 2.

28. (Currently Amended) A pharmaceutical composition comprising the compound of claim 1 or a pharmaceutically acceptable salt ~~or hydrate~~ thereof, and a pharmaceutically acceptable carrier.

29. (Previously Presented) A method for the treatment of cancer comprising the step of administering to a mammal a therapeutically effective amount of the compound of claim 1.

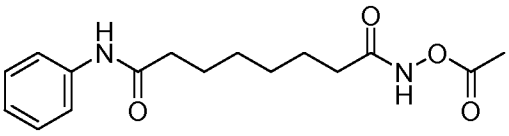
30. Cancelled.

31. Cancelled.

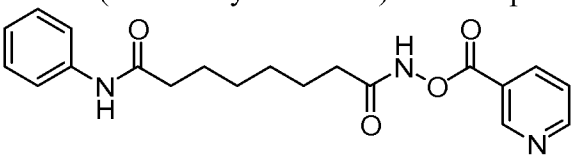
32. Cancelled.

33. (Previously Presented) The compound of claim 1 selected from the group consisting of:
Octanedioic acid phenylamide (7-phenylcarbamoyl-heptanoyloxy)-amide;
Octanedioic acid acetoxy-amide phenylamide;
Octanedioic acid (biphenyl-4-carbonyloxy)-amide phenylamide;
Octanedioic acid benzoyloxy-amide phenylamide;
Octanedioic acid (naphthalene-2-carbonyloxy)-amide phenylamide;
Octanedioic acid (naphthalene-1-carbonyloxy)-amide phenylamide;
Octanedioic acid (3-methoxy-benzoyloxy)-amide phenylamide;
Octanedioic acid (4-methoxy-benzoyloxy)-amide phenylamide;
Octanedioic acid (2-methoxy-benzoyloxy)-amide phenylamide;
Octanedioic acid (4-methyl-benzoyloxy)-amide phenylamide;
Octanedioic acid (4-chloro-benzoyloxy)-amide phenylamide;
Octanedioic acid (3-phenyl-acryloyloxy)-amide phenylamide;
Octanedioic acid phenylamide (pyridine-3-carbonyloxy)-amide;
Octanedioic acid (4-butyl-benzoyloxy)-amide phenylamide;
Octanedioic acid phenylamide (3-phenyl-propionyloxy)-amide;
Octanedioic acid phenylamide (4-phenyl-butyryloxy)-amide;
[1-Benzyl-2-oxo-2-(7-phenylcarbamoyl-heptanoylaminooxy)-ethyl]-carbamic acid benzyl ester;
and
[1-Benzyl-2-oxo-2-(7-phenylcarbamoyl-heptanoylaminooxy)-ethyl]-carbamic acid tert-butyl ester;
Or a stereoisomer thereof;
Or a pharmaceutically acceptable salt thereof;
Or a pharmaceutically acceptable salt of the stereoisomer thereof.

34. (Previously Presented) The compound of claim 1 that is

 or a pharmaceutically acceptable salt thereof.

35. (Previously Presented) The compound of claim 1 that is

 or a pharmaceutically acceptable salt thereof.

36. (Previously Presented) A pharmaceutical composition comprising the compound of claim 33 and a pharmaceutically acceptable carrier.

37. (Previously Presented) A method for the treatment of cancer comprising the step of administering to a mammal a therapeutically effective amount of the compound of claim 33.